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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 454311-2201.1

First Inventor or Application Identifier Belfort et al.

Title GENETIC SYSTEM AND SELF CLEAVING INTEINS DERIVED THEREFROM, BIOSEPARATIONS AND PROTEIN PURIFICATION EMPLOYING SAME, AND METHODS FOR DETERMINING CRITICAL, GENERALIZABLE AMINO ACID RESIDUES FOR VARYING INTEIN ACTIVITY

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APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages]
(preferred arrangement set forth below, MPEP 1503.01)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description,
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s)(37 CFR. § 1.152) [Total Sheets]

4. Oath or Declaration [Total Pages]
a. Newly executed (original or copy)
b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked)
Considered to be part of the disclosure of the accompanying

Application and is hereby incorporated by reference therein.

6. Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Copy
b. Paper Copy (identical to computer copy)
c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & documents(s))
Wei Wu
Marlene Belfort
Vicky Derbyshire

Power of Attorney:
Wei Wu
Marlene Belfort
Vicky Derbyshire

13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

14. * Small Entity
Statements(s)
(PTO/SB/09-12)
Health Research Institute
Rensselaer Polytechnic Institute
Vicky Derbyshire
Marlene Belfort
Wei Wu

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:
 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____

Group/Art Unit: _____

16. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor New correspondence address below

(Insert Customer No. or Attach bar code label here)

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Signature	<i>Susan K. Lehnhardt</i>		Date
			August 17, 2000

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